Braskem

Datasheet
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High Density Polyethylene HD0860

Description:

HD0860 is a high-density polyethylene, developed for the injection molding. It presents high stiffness, besides low tendency to warpage.

Applications:

Caps

Processes:

Injection molding

Control Properties:

Feature	Method	Units	Values
Melt Flow Rate (190°C/2.16kg)	D 1238	g/10 min	8
Density	D 792	g/cm³	0.960

Typical Properties - Plaque[1]:

Plaque Properties

Feature	Method	Units	Values
Tensile Strength at Yield (a)	D 638	MPa	28
Elongation at Yield (a)	D 638	%	7
Flexural Modulus - 1% Secant (b)	ASTM D 790	MPa	1400
Izod Impact Strength (b)	D 256	J/m	30

[1] Test specimens from compression molded plaque according to ASTM D4703. Plaque Thickness: a) 2mm. b) 3mm c) 6mm. NB = No break.

Final Remarks

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